

Proceedings of the Iowa Academy of Science

Volume 82 | Number 1 Part 2

Article 2

1975

Front Matter - Table of Contents

Let us know how access to this document benefits you

Copyright ©1975 Iowa Academy of Science, Inc.

Follow this and additional works at: <https://scholarworks.uni.edu/pias>

Recommended Citation

(1975) "Front Matter - Table of Contents," *Proceedings of the Iowa Academy of Science*, 82(1 pt. 2),.

Available at: <https://scholarworks.uni.edu/pias/vol82/iss1/2>

This Front Matter is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Guidelines for Authors

1. The *Proceedings of the Iowa Academy of Science* is a quarterly publication, issued by the Iowa Academy of Science.

2. The *Proceedings* publishes original research in the various fields represented by its membership, short research notes, authoritative review articles, informed commentaries by scientists on topics of general interest, articles dealing with science teaching, and other material of interest to its members. As the publication of a multidisciplinary scientific organization, it welcomes material of general interest to the scientific community. We will not publish previously copyrighted material.

3. Manuscripts should be sent to the editor, Dr. T. E. Rogers, Department of Biology, Cornell College, Mt. Vernon, Iowa 52314.

4. The Editorial staff will examine manuscripts from members of the Academy or from other workers in scientific fields. Papers will be submitted to referees for critical evaluation and accepted or rejected for publication on their recommendations and those of the editors. Preference for space will be given to manuscripts by members, and to papers based on talks delivered at the annual meetings or other meetings of the Academy. Non-members will be subject to a page charge, based on the actual cost of publication.

5. Research notes should consist of a short introductory statement, a brief statement of the materials and methods used, and a report of the new data obtained. They should run no more than three or four double-spaced pages. Longer articles are best handled as regular research papers.

6. The manuscripts must be typewritten, double-spaced throughout, including tables, footnotes, figure captions, and references. Submit an original and a copy of the manuscript and 2 copies of the illustrations. One of the illustration copies is to send with the manuscript to the reviewer and need not be a top quality reproduction.

Authors should refer to the style manual appropriate to the discipline for details of style, and format. References should be arranged and cited in accordance with the instructions in such style manuals. If doubts exist as to a suitable style manual, it may be necessary to consult the Associate Editor who may be involved in the review and who is named inside the back cover of this journal.

Use italics (indicated by underlining) for generic and specific names, for the titles of books, and for the names of journals.

If abbreviations are used they should conform to those approved in the appropriate abstract service. Chemical terms should be consistent with the system used in the index of the *Chemical Abstracts*.

Use the binomial Latin name of organisms in full when they are first mentioned, underlining them to indicate italics. Subsequently the generic name may be abbreviated, or, if preferred, the common name may be used, if it has been introduced with the full name originally.

The scientific name of a chemical must be used when the compound is first referred to. If abbreviations or popular or trade names are to be used, place them throughout the text.

It is preferable to define the concentration of solutions in terms of normality or molarity, or as the wt of solute in a definite volume of solvent. Use % only to express g/100g of solution. Use % (v/v) to express ml/100 ml of solution.

Extensive footnotes will be treated as an appendix and placed at the end of the text.

Do not write out numbers except at the start of a sentence or where no space is saved by using numbers. Use 2nd rather than

"second" in labels, legends, and technical descriptions. Use chemical formulae for common chemicals.

7. Papers dealing with teaching, laboratory techniques, or experiments, should include all pertinent data on apparatus, specifications, suitable brand names, etc. The Academy encourages reviews, descriptions of unusual programs, courses, annotated bibliographies, or other materials which may be of interest to the membership.

ILLUSTRATIONS

Plan illustrations so they will fit, or can be reduced legibly, to a single column or a page. The maximum size of a figure is 182 mm by 232 mm for a whole page and 88mm wide for a single column. If larger illustrations are sent, they must be accompanied by smaller photographs of good quality to permit reviewing.

Drawing and lettering should be in black India ink or white, blue tracing, or blue-lined paper. Letters or numbers should not be less than 1.5 mm high when reduced. Lettering should be done by some dry transfer process or a lettering set of some sort. We strongly discourage free-hand lettering and drawing. Mount photographs on white bristol board or the equivalent. Where possible, group figures to fit a page, allowing room for the figure caption at the bottom. The figure numbers of grouped figures should be drawn at the lower right-hand corner of each figure, large enough to be 3 mm high after reduction. Number all figures in a single series (Figs. 1, 2, 3 . . .) even though grouped on one or several pages. To avoid problems created by reduction, show magnification of figures by a scale on the figure itself.

Please indicate in the typed manuscript the approximate location of each figure.

Where an excessive number of figures is included with the manuscript, the authors may be asked to help defray the cost of engraving. The editor will notify authors in advance, if this is to be the case, and give approximate costs. No color figures can be printed.

CHARGES

Authors will be subject to page charges should a double-spaced manuscript run over 30 pages. Authors are also subject to charges for changes in the galley proof, other than printers' errors, if they go beyond four lines.

Reprints may be ordered from the editor at the time the gallery proofs are returned. Note the reprint costs as indicated inside of the back cover. Full details on any page charges or costs of illustrations will be sent to the author with the gallery proof.

NOTE TO SUBSCRIBERS

Back copies of the *Proceedings* can be obtained from the Librarian, Iowa State Univ., Ames, Iowa 50010. Annual volumes are priced at \$4.00 through 1970. The quarterly issues, beginning in 1971, are \$3.00 per issue. The four issues making up a year's printing are priced at \$8.00. Orders for back copies should be sent to the Executive Secretary, Dr. Robert Hanson, Dept. of Chemistry, Univ. of Northern Iowa, Cedar Falls, Iowa 50613.

Subscription to the *Proceedings of the Iowa Academy of Science* is included in the membership dues of the Academy. The annual dues are \$10.00 for regular members; \$4.00 for student members. Application blanks for membership may be obtained from the Executive Secretary, at the address listed above. Any member or subscriber whose address changes during the year should notify the Executive Secretary.

The Proceedings of The Iowa Academy of Science

Volume 82

June, 1975

Number 1, Part 2

Table of Contents

Yager, Robert E., and Delma E. Harding—

Science Teaching and the Iowa Academy of Science 48

Earls, Lester T.—

Iowa Physics Through the Years 52

Meglitsch, Paul—

History of the Zoology Section of the Iowa Academy of Science 57

Eilers, Lawrence J.—

History of Studies on the Iowa Vascular Flora 59

Van Der Valk, A. G.—

The History of Plant Ecology in Iowa as Reflected in the
Proceedings of the Iowa Academy of Science 65

Anderson, Duane C.—

The Development of Archeology in Iowa: An Overview 71

The Proceedings of the Iowa Academy of Science, Vol. 82, No. 1, Part 2, June, 1975. Published quarterly by the Iowa Academy of Science. Executive Secretary. Robert Hanson, University of Northern Iowa, Cedar Falls, Iowa 50613.

NOV 13 1996

ARCHIVES
OFFICE OF THE STATE ARCHAEOLOGIST
THE UNIVERSITY OF IOWA
IOWA CITY, IOWA 52242